

Application Serial No. 10/505,338
Reply to Office Action of August 10, 2005

PATENT
Docket: CU-3881

Figure 1 shows four strain gages orientated in the same direction. Figures 5-7 and especially Figure 6, show springs that are thinned down, at least relative to the surrounding frame. Although the load platform is shown equally as thin as the springs, Claim 3 does not state that the springs should be thinner than the load platform.

In the Office Action, Claims 1-5 are rejected under 35 U.S.C. §102(b) as being anticipated by Ueyanagi (GB 2,296,977) or alternatively by Hansson (US 4,553,436). The Applicants respectfully disagree with and traverse these rejections. These same references were also cited in the PCT application, and that Examiner found the claims to be novel and inventive in view of these references.

Both cited references show accelerometers, not devices for weighing. One important structural difference between the devices shown in the cited references, and the present spring scale, is the construction of the center mass body of the accelerometers, as compared to the center load platform in the claimed spring scale. It is an important feature of the scale, that the load platform be as thin and light as possible, while in the accelerometers of the cited references, it is important that the center bodies be thick and heavy. The center bodies of the references are actually named "thick weight" or "center mass", pointing to the importance of the weight/mass of the center body. Also, the massive center body is supposed to be one and the same all the time, obviously. In a scale, the load platform should be light in order that various other bodies to be added for weighing should give a good deflection. Therefore, the Applicants consider that the cited references do not show any "load platforms" at all. Furthermore, the center mass/weight shown in the cited references, are not "thin relative to the surrounding frame" as stated Claim 1.

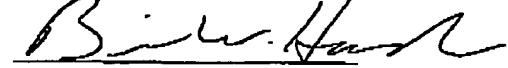
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In light of the foregoing response, all the outstanding objections and rejections are considered overcome. Applicant respectfully submits that this application should now be in condition for allowance and respectfully requests favorable consideration.

Respectfully submitted,

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Date



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